

OPTICAL DATA STORAGE MEDIA WITH ENHANCED CONTRAST

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ABSTRACT OF THE DISCLOSURE

Disclosed is an optical data storage medium with enhanced contrast. The optical data storage medium includes a substrate having oppositely facing first and second surfaces. A first metal/alloy layer is formed overlaying the first surface of the substrate. The first metal/alloy layer is formed from tin, antimony and element selected from the group consisting of indium, germanium, aluminum, and zinc. After the first metal/alloy layer is formed, a first dielectric layer is formed overlaying the first metal/alloy layer. This dielectric layer is formed from silicon oxynitride. The first metal/alloy layer is positioned between the substrate and the first dielectric layer.